



SAFETY REMINDER ON THE MANAGEMENT AND OPERATION OF MOBILE PLANT IN CONSTRUCTION SITE

With reference to the accidents caused by the operations of the mobile plant (for example, bulldozer, loader, compactor, power-operated elevating work platforms, etc.) in recent years, the Construction Industry Council (CIC) would like to deliver this safety message for your attention. The industry should stay highly vigilant when handling and operating mobile plant, and at the same time, training should be strengthened for management staff and frontline workers to avoid accidents. It would be much appreciated if you could distribute the message below to your fellow members, relevant personnel or other industry stakeholders where appropriate. Thank you very much.

Common Accidents

1. Failure to establish the operation/ maintenance plan for the mobile plant and conduct relevant dynamic risk assessments.
2. Failure to appoint an operator with sufficient qualifications and experience to operate the mobile plant.
3. Operator leaves the driving cabin when the mobile plant is functioning.
4. Failure to acknowledge and handle the risks and hazards induced by the changes in the procedures or environment.
5. Failure to establish the demarcation of fatal zone and implementation measures on the separation of workers and mobile plants.



Critical Control Measures

1. Operation/ maintenance plan and risk assessment for the operation of mobile plant should be established and conducted before carrying out the works.
2. Make use of dynamic risk assessment to manage the risks and hazards induced by the changes in process or site environment before the commencement of work.
3. Appoint an operator with sufficient qualifications and experience to operate the mobile plant.
4. Adopt safety technologies to enhance safety management and reduce risks, for example, the mobile plant will automatically stop functioning when the operator leaves the driving cabin, and make use of operator status monitoring system to recognise unsafe and abnormal behaviours of the operator.
5. Ensure the provision of information, instructions and training to the persons related to the mobile plant operation.
6. Ensure the mobile plant is regularly inspected and maintained.
7. Ensure the mobile plant is parked at the designated area with sufficient demarcation to prevent the entry of the unauthorised person and the implementation measures on separation of workers and mobile plants when the mobile plant is not in use.

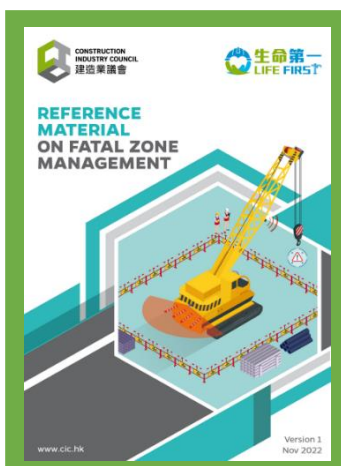


SAFETY ROLES AND RESPONSIBILITIES OF KEY STAKEHOLDERS IN THE HONG KONG CONSTRUCTION INDUSTRY

What if all stakeholders can act together and take one step further to fulfill their roles and responsibilities, can similar accident be avoided?

- In the design stage, the designer should consider the operations and establish the proper method and relevant safety measures.
- During the construction stage, the work team must ensure it was supervised by designated persons before the operations.
- The work team could constantly identify the changes in the process or the environment through dynamic risk assessment and apply control measures to eliminate the hazard.
- Workers can identify any changes in the construction process, report it to their supervisors and take action against it immediately.

Reference information for sharing



Reference Material on Fatal Zone
Management



Disclaimer

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